

**M 4.1, Nevada**

Origin Time: 2023-11-10 15:30:43 UTC (Fri 07:30:43 local)  
Location: 38.2133° N 117.8288° W Depth: 15.1 km

**PAGER  
Version 6**

Created: 3 weeks, 3 days after earthquake

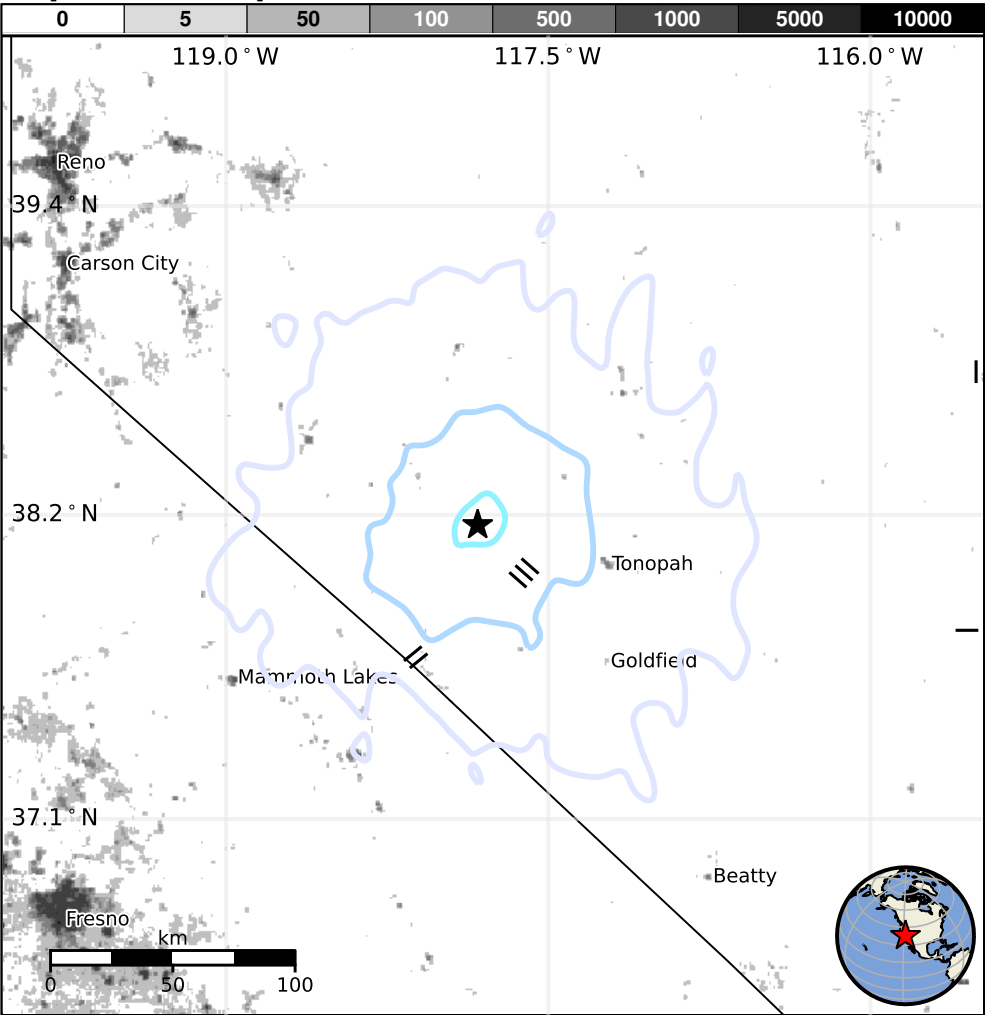


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		1,864k	28k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1980-01-24	346	5.8	VII(35k)	1
1989-08-08	379	5.4	VII(4k)	1
1989-10-18	367	6.9	VIII(109k)	62

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
II	<b>Tonopah</b>	2k
II	<b>Goldfield</b>	0
II	Hawthorne	3k
II	Dixon Lane-Meadow Creek	3k
II	Bishop	4k
II	West Bishop	3k
I	<b>Carson City</b>	55k
I	<b>Fresno</b>	495k
I	<b>Reno</b>	225k
I	Clovis	96k
I	Sparks	90k